

REMARKS

Applicant respectfully requests reconsideration of this application as amended. No claims have been amended, cancelled, or added. Therefore, claims 1-30 are presented for examination.

The amendments to the Specification are made to correct minor typographical errors. None of these amendments add new subject matter, and all of these amendments are fully supported by the originally filed application.

The Examiner objected to FIG. 4. In the Office Action, the Examiner indicates that "the label for reference item 410 in Figure 4 is misspelled". Applicant respectfully submits that replacement FIG. 4 overcomes the Examiner's objection. Applicant respectfully requests that the Examiner approve replacement FIG. 4 and withdraw the objection.

35 U.S.C. §103(a) Rejection

Avery in view of Garcia et al.

Claims 1-30 have been rejected under 35 U.S.C. §103(a) as being unpatentable over Avery (U.S. Publication No. 2004/0015622) in view of Garcia et al. (U.S. Patent No. 6,163,834).

Applicant respectfully submits that claims 1-30 are patentably distinguished over Avery in view of Garcia et al. Neither Avery nor Garcia et al. discloses, teaches, or suggests, individually or in combination, a "translation and protection

table including a plurality of translation entries and at least one region entry, said at least one region entry comprising multiple levels of translation entries", as required by, for example, claim 1. Each of the remaining currently pending independent claims recite limitations that are similar to these limitations of claim 1, although some differences may exist among the limitations of the other pending independent claims. These similar limitations nevertheless patentably distinguish the claims over Avery in view of Garcia et al.

The Examiner admits that the Avery reference "fails to teach the limitation of said translation and protection table including at least one region entry, said at least one region entry comprising multiple levels of translation entries." However, the Examiner indicates that Garcia et al. discloses a "two-level memory region registration and address translation system and method, including a memory handle table and a translation and protection table".

While Garcia et al. may disclose a two-level scheme for accessing a translation protection table, Garcia et al. does not disclose a "translation and protection table including at least one region entry, said at least one region entry comprising multiple levels of translation entries" as required by claim 1. For example, a region entry may "correspond to a specific region within the TPT table 260..." (Specification, p. 12, lines 3-4). In one embodiment, for example, "each region entry is followed by at least one translation entry" such that the "at least one entry 262 is within the region ... defined by the region entry 261 " (Specification, p. 12, lines 1-2).

In contrast, Garcia et al. does not disclose, teach, or suggest a translation and protection table having a region entry as described in the Specification of the subject application. Instead, Garcia et al. discloses a "2 table lookup implementation for calculating physical addresses" (Garcia, column 4, lines 26-28).

Thus, since neither Avery nor Garcia et al., individually or in combination, produces the claimed invention, it is respectfully submitted that the Examiner has failed to establish prima facie that claims 1-30 are obvious in view of Avery and Garcia et al. Thus, it is respectfully submitted that the Examiner's rejection of these claims under 35 U.S.C. §103(a) as obvious in view of Avery and Garcia et al. should be withdrawn.

Conclusion

Applicant respectfully submits that all of the Examiner's objection and rejections have been overcome, and that the claims are in condition for allowance. Accordingly, Applicant respectfully requests the objection and rejections be withdrawn and the claims be allowed.

The Examiner is invited to initiate an interview with the undersigned by calling 949-498-0601 if the Examiner believes that such an interview will advance prosecution of this application.

Request for an Extension of Time

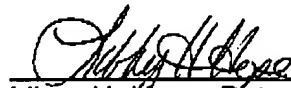
Applicant respectfully petitions for an extension of time to respond to the outstanding Office Action pursuant to 37 C.F.R. § 1.136(a) should one be necessary. Please charge our Deposit Account No. 50-0221 to cover any necessary fee under 37 C.F.R. § 1.17(a) for such an extension.

Charge our Deposit Account

Please charge any shortage to our Deposit Account No. 50-0221.

Respectfully submitted,

Date: May 11, 2004



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APPENDIX